MCM110ST2/MCM110ST2GB/ MCM110ST2EU

10/100Base Ethernet to 100Base-FX Multi-Mode Fiber Media Converter ST 2KM

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Installation Guide

Packaging Contents

- 1 x MCM110ST2 / GB / EU media converter
- 1 x Power Adapter
- 1 x Installation Guide

System Requirements

- 10/100Base compatible network

Installation

1. Connect the Ethernet cable to the Fiber Media Converter “LAN” port.
2. Connect the other end of the Ethernet cable to the router/switch/computer NIC.
3. Connect the fiber cable into the fiber receptacle on the media converter.
4. Plug the provided power adapter into the media converter, and into an available AC power outlet.
5. Connect the other end of the fiber cable into the router/switch/computer NIC/another media converter. Remember to reverse the TX and RX leads between the two devices.

DIP Switch Settings

Switch	Function	State	Status
SW1	UTP Mode	Auto	Auto UTP detection
		Manual	Use manual UTP settings
SW2*	UTP Speed	100	100Mbps link speed
		10	10Mbps link speed
SW3*	UTP Duplex	Full	Full duplex
		Half	Half duplex
SW4	Link Fault Pass-through	LFP	LFP mode off
		ON	LFP mode on

*not enabled when SW1 set to Auto

LED Indicators

LED	Function	State	Status
PWR	Power Indicator	ON	Converter has power
		OFF	Converter has no power
FX Link/Act	Fiber Link/ Activity	ON	Fiber link OK
		OFF	No link detected
		Flashing	Receiving data
FEF	Far End Fault	ON	Far end link failure
		OFF	No failure detected
100	Mode	ON	100Mbps
		OFF	10Mbps
Full	Duplex Mode	ON	Full duplex mode
		OFF	Half duplex mode
TX Link/Act	Ethernet Link/ Activity	ON	Ethernet link detected
		OFF	No link detected
		Flashing	Receiving data

Specifications

Connectors	1 x RJ45 Ethernet 2 x ST Fiber 1 x power connector
LEDs	Power, Fiber Link/Activity, Ethernet Link/Activity, 10/100, Full/Half Duplex, FEF
Fiber Type	Multi-Mode (62.5 or 50/125 micron)
Maximum Distance	2 km
Transmission Standards	IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX, l00BASE-FX
Duplex Modes	Full/Half Duplex (Ethernet mode) Full Duplex (Fiber)
Dimensions	73.0mm x 23.0mm x 10.8mm
Weight	170 g

Warranty Information

This product is backed by a one year warranty.
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